

Scoring conventions – what scores mean and don't mean.

(We've followed these conventions in other assessments, I'm just making them explicit.)

- Hydro scores max out at 40, as do the scores of all other functions. This is an arbitrary number and is used to avoid conveying the kinds of value judgments associated with scores such as “high” or “low” or even “1” or “100.”
- A wetland with a score of 40 for a hydro function performs that function “more than” a wetland with a score of 30. The actual magnitude of this difference is NOT reflected in these scores and, in fact, can't be determined without onsite measurements in the wetlands being compared.
- Scores, therefore, reflect “more than” and “less than,” but not “how much more” or “how much less.”
- Scores usually increase or decrease by 10 (e.g., 40, 30, 20), but when more scoring categories were needed, scores were increased or decreased by 5. The difference between 40 and 30 is **functionally identical** to the difference between 25 and 20; therefore, adding up scores for comparisons between wetlands is likely to be misleading.

So, given these conventions, here are the scores I'd recommend we use for hydro functions. While reflecting the scores you gave, these are better based on the conventions above.

Kenai Peninsula Wetlands Assessment Method	
Water Quantity	
1.1	Recharges Groundwater (40) ___ Bog (LB3, LB63, LB36) (30 pts) (1% wetland area) (30) ___ Depression (D) (20pts) (3% wetland area) (20) ___ Wetland located in the upper 1/3 of the watershed AND is not a Riverine (R) wetland (10pts) (6% wetland area) (0) ___ None of the above (90% wetland area)
1.2	Provides Storage (40) ___ Depression (D) (25pts) (3% wetland area) (30) ___ Hydrologic component >3 (20pts) (26% wetland area)s (20) ___ Hydrologic component 2-3 (15pts) (21% wetland area received score of 15) (20) ___ Abandoned Meander Terrace (AMT) or Late Snow Plateau (LSP) (15pts) watershed position (10) ___ LBSF or DWR (10pts) (3% wetland area) (0) ___ None of the above (47% wetland area)
1.3	Transmits Discharge (40) ___ Floating Island (FI) OR wetland has a Hydrologic component =1 AND polygon is not a Depression (D) (25pts) (40) ___ Riverine (R) wetland (25pts) (16% wetland area received score of 25) (30) ___ All other Drainageway (DW) wetlands, OR LBSF (20pts) (21% wetland area received score of 20) (30) ___ Hydrologic component 1-2 AND polygon is not a Depression (D) (20pts) (20) ___ Discharge Slope (S) (10pts) (23% wetland area) (0) ___ None of the above (39% wetland area)
1.4	Contributes Discharge (40) ___ Bog (LB3, LB63, LB36) OR Late Snow Plateau (LSP) (25pts) (1.5% wetland area) (30) ___ Hydrologic component >3 AND polygon is not a Depression (20pts) (26% wetland area) (20) ___ Abandoned Meander Terrace (AMT) (10pts) (19% wetland area received score of 10) (20) ___ Hydrologic component 2-3 AND polygon is not a Depression (10pts) (0) ___ None of the above (53% wetland area)
1.5	Maintains Unregulated Flow Regime (40) ___ Riverine (R) wetland (25pts) (16% wetland area) (30) ___ Abandoned Meander Terrace (AMT) OR Late Snow Plateau (20pts) (12% wetland area received score of 20) (30) ___ Hydrologic component >3 and adjacent to R (20pts) (20) ___ Hydrologic component 2-3 and adjacent to R (15pts) (33% wetland area received score of 15) (20) ___ All other Discharge Slope (S) OR Depression (D) OR Headwater Fen (15pts) (0) ___ None of the above (39% wetland area)
1.6	Size Same as Anchorage, table 1.4 on p159 Plus pts from table 1.5 on p159

1.7	Watershed Position (HUC 10 watersheds used for this analysis) (40) ___ Wetland located in the upper 1/3 of the watershed (10pts) (8% wetland area) (30) ___ Wetland located in the middle 1/3 of the watershed (5pts) (32% wetland area) (20) ___ Wetland located in the lower 1/3 of the watershed (2pts) (60% wetland area)
Quality	
1.8	Water Quality (30) ___ Wetland within 50' of road (40) ___ Riverine (R) wetland, or adjacent to Riverine Wetland (40) ___ Peatland (NOT Discharge Slope (S) or Late Snow Plateau wetland) (This addresses organic vs. mineral soils 1.11 in ANC method) (20) ___ Wetland is disturbed (d) (0) ___ None of the above
1.9	Erosion Control/Shoreline Stabilization (40) ___ Riverine (R) wetland (Includes floodplains and terraces) (40) ___ Forest or shrub dominated wetland adjacent to Riverine wetland or Lake or open water wetland e.g. K1? (K4, K3, LB6, LB4, all Discharge Slope (S) EXCEPT SC) (30) ___ Herbaceous dominated wetland adjacent to Riverine wetland or Lake or open water wetland e.g. K1? (K2, LB2, LB3, AMT, SC, FI) (20) ___ Wetland with dominant hydro component =1 (0) ___ None of the above